

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

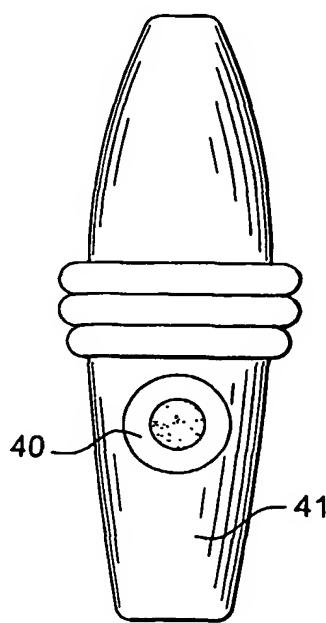
PCT

(10) International Publication Number
WO 2004/054400 A3

- (51) International Patent Classification⁷: **A45D 40/26, 34/00**
- (21) International Application Number: **PCT/EP2003/013698**
- (22) International Filing Date: 4 December 2003 (04.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
- | | | |
|------------|-------------------------------|----|
| 02/15823 | 13 December 2002 (13.12.2002) | FR |
| 60/438,988 | 10 January 2003 (10.01.2003) | US |
| 03/04774 | 16 April 2003 (16.04.2003) | FR |
- (71) Applicant (*for all designated States except US*): L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): GUERET, Jean-Louis, H. [FR/FR]; 27, avenue Raymond Poincaré, F-75016 Paris (FR).
- (74) Agent: SCHMIT, Charlotte; L'Oreal - D.I.P.I, 25-29, Quai Aulagnier, F-92600 Asnières (FR).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- *with international search report*
 - *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*
- (88) Date of publication of the international search report: 14 October 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MAKE-UP PROCESSES AND PROCESSES FOR APPLICATION OF A SKIN CARE PRODUCT, AND DEVICES USED IN THE IMPLEMENTATION OF SUCH PROCESSES



(57) **Abstract:** The present invention relates to a process for the application of a cosmetic product (P), including a skin care product, excluding depilatory waxes, this product being contained in a packaging device, the process including the following stages: placing the packaging device in a microwave oven, raising the temperature of the product (P) by exposing it to microwave radiation inside an oven, applying the product by means of an applicator (160). The invention also relates to packaging devices for cosmetic product (P) capable of being heated in a microwave oven.

WO 2004/054400 A3

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/13698

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A45D40/26 A45D34/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A45D B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 485 730 B1 (GENTRY REBECCA PHILLIPS ET AL) 26 November 2002 (2002-11-26)	1-3,5-7, 9-19, 21-23, 30,31
A	column 4, line 11 - line 42; claims 13-16; figures 1,3,4 ---	34
Y	GB 2 321 443 A (RECKITT & COLMAN FRANCE) 29 July 1998 (1998-07-29) page 2, line 1 - line 10 page 12, line 7 -page 13, line 10 ---	1-3,5-7, 9-19, 21-23, 30,31
A	US 5 674 268 A (RIAZI JOHN) 7 October 1997 (1997-10-07) column 3, line 45 -column 5, line 13; figures 2-4 --- -/-	1,6,10, 22,23,26

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

25 June 2004

Date of mailing of the International search report

04/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patenttaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Hinrichs, W

INTERNATIONAL SEARCH REPORT

Internat application No
PCT/EP 03/13698

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 786 578 A (PARKER ROBERT ET AL) 28 July 1998 (1998-07-28) cited in the application column 5, line 10 - line 35; figure 2 ----	10-13, 15,16
A	DE 43 12 278 A (MUELLER GERHARD) 20 October 1994 (1994-10-20) cited in the application column 3, line 60 - line 64 ----	1-3,5-7
A	US 5 775 344 A (CLAY MARY A) 7 July 1998 (1998-07-07) cited in the application figures 1,5 ----	1,5,29
A	US 5 980 536 A (JAMALI PARVIN) 9 November 1999 (1999-11-09) column 3, line 49 -column 4, line 13; figure 1 ----	1-4
A	GB 2 273 026 A (WESTON EDWARD JOHN) 1 June 1994 (1994-06-01) page 13, paragraph 1; figure 1 ----	33
A	WO 00/43286 A (BARBESINO CLAUDIO ;ISTITUTO PROFILATTICO (IT)) 27 July 2000 (2000-07-27) cited in the application ----	
A	US 6 616 363 B1 (GUILLAUME BRUNO ET AL) 9 September 2003 (2003-09-09) ----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal ref.	Application No
PCT/EP 03/13698	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6485730	B1	26-11-2002	NONE			
GB 2321443	A	29-07-1998	AU AU BR CA DE DE EP ES WO NZ US	736748 B2 5329698 A 9713774 A 2275431 A1 69720063 D1 69720063 T2 0964627 A1 2189990 T3 9827845 A1 336172 A 6174319 B1		02-08-2001 17-07-1998 21-03-2000 02-07-1998 24-04-2003 20-11-2003 22-12-1999 16-07-2003 02-07-1998 23-02-2001 16-01-2001
US 5674268	A	07-10-1997	NONE			
US 5786578	A	28-07-1998	NONE			
DE 4312278	A	20-10-1994	DE	4312278 A1		20-10-1994
US 5775344	A	07-07-1998	NONE			
US 5980536	A	09-11-1999	NONE			
GB 2273026	A	01-06-1994	NONE			
WO 0043286	A	27-07-2000	IT AU BR CA EP HU WO JP	MI990084 A1 2128900 A 0008893 A 2359671 A1 1147056 A1 0105100 A2 0043286 A1 2002535295 T		19-07-2000 07-08-2000 30-10-2001 27-07-2000 24-10-2001 29-04-2002 27-07-2000 22-10-2002
US 6616363	B1	09-09-2003	AT AU AU BR CA CN DE EP ES WO GB JP PL ZA	246648 T 755467 B2 3180400 A 0009171 A 2367276 A1 1344216 T 60004335 D1 1163169 A1 2203431 T3 0056631 A1 2347916 A ,B 2002540016 T 350914 A1 200107665 A		15-08-2003 12-12-2002 09-10-2000 18-12-2001 28-09-2000 10-04-2002 11-09-2003 19-12-2001 16-04-2004 28-09-2000 20-09-2000 26-11-2002 10-02-2003 09-06-2003